Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 05 Dec 2020 until 23:59 on Sunday 06 Dec 2020

Forecast Issued on Saturday 05 Dec 2020 at 02:23

Confidence: High for wintriness becoming confined to higher levels, otherwise medium for details due to low pressure being centred over, or close to, the UK throughout.

Headline for Saturday 05 Dec 2020: Sunny spells and a few snow showers. Northeasterly winds easing.

Mountain weather hazards on Saturday 05 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	<05%	<05%	20%	<05%	<05%

Forecast for Saturday 05 Dec 2020

Weather: A mainly dry day with some good spells of sunshine, a few isolated snow showers possible across eastern Fells in the afternoon. Dry with clear spells in the evening.

Chance of cloud free mountain/hill tops above 800m: 80-90%, cloud generally well above the summits. Some patchy cloud above 700m likely across eastern Fells in the afternoon.

Visibility: Very good with some decent views of recently snow covered surrounding fells.

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Mountain Weather Forecast

Forecast for Saturday 05 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/45 E	28/34 E	18/22 NE	19/23 NE	19/22 NE	16/20 NE	18/22 N
600	25/34 E	16/22 NE	10/14 NE	12/17 NE	12/16 NE	9/13 N	12/18 N
300	8/27 E	3/17 NE	5/14 NE	5/14 N	5/14 NE	4/12 N	5/13 N
Valley	11/30 NE	8/20 NE	9/16 NE	9/18 NE	9/17 NE	8/14 N	6/14 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-11	-1/-9	-1/-7	-1/-7	-1/-8	-1/-7	-2/-8
600	0/-7	-0/-6	1/-4	1/-4	-0/-5	-0/-5	-0/-5
300	2/-1	1/-1	3/0	3/0	1/-1	1/-1	1/-1
Valley	5/1	4/1	6/3	5/2	4/1	4/1	4/1
Freezing Level*	600m	500m	600m	700m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day at all levels with a covering of snow on high ground.

Forecast for Sunday 06 Dec 2020

Weather: Rather cloudy overnight with showers or, especially in east, longer spells of mainly snow, with rain below about 600m.A few early showers in the morning but generally a dry and bright day with some sunny spells developing.

Maximum wind: Northerly or northeasterly 15-20mph becoming variable at 10mph or less through the morning.

Chance of cloud free mountain/hill tops above 800m: Around 40% with occasional or periods of cloud above about 600m

Visibility: Good or very good falling to a few kilometres in snow and snow showers.

Temperature: **Valleys:** Around zero Celsius at dawn rising to plus 5 or 6 Celsius by day
At 800m: Around zero Celsius.
Freezing level: 800m

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Mountain Weather Forecast

Ground Conditions Supplement
Friday 4 December 2020. Location: Helvellyn summit at 11:25. Full report: Winter arrived in earnest today with around 3 inches of snow down to valley level on the Thirlmere side of Helvellyn this morning. Knee deep drifts of snow were encountered frequently on the way up, burying the path over large areas. NE winds have scoured the summit plateau, exposing the paths in places, however, these areas are a minority which makes navigation and route finding very difficult, especially without goggles. No significant cornices were seen (snow overhangs caused by the wind) around corrie rims above Brown Cove/Red Tarn, however, there are areas of unstable snow (windslab) in these locations and on ridge flanks. The freezing level rose through the day and was at around 600m by midday. The snow below this height was becoming quite wet and any drop in temperature overnight will produce ice on the paths. Anyone venturing out tomorrow should anticipate very challenging conditions with reduced visibility and severe wind chill. Good navigation skills will be required for safe travel in the high fells. Warm and waterproof winter clothing including hat and gloves, and equipment including mountaineering boots, ice axe, crampons, map, compass and goggles, and a headtorch are essential. For the climbers: The turf is largely unfrozen and due to the NW winds we've experienced in the last few days, many of the scarp slopes which several routes finish up have almost no snow cover and are essentially just exposed grass. Please avoid climbing in these locations to avoid damaging the rare arctic/alpine plant species that grow in these locations. Temperature: minus 1.4 C Maximum wind speed 29.8 mph Wind chill: minus 10.8 C Average wind speed: 20.2mph

Issued at: 02:23 on Sat 05 Dec 2020

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